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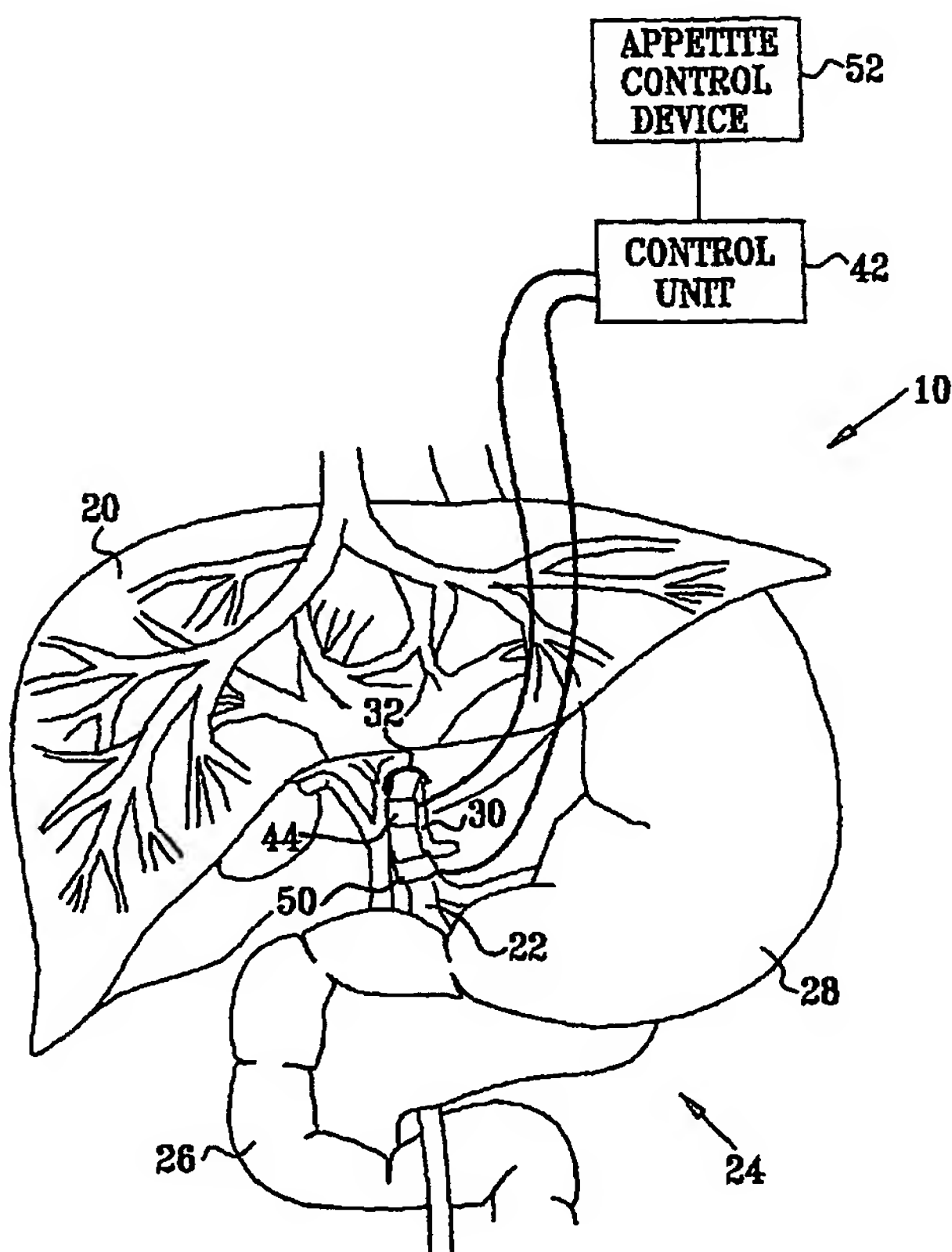
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- (71) Applicant (*for all designated States except US*): **IMPULSE DYNAMICS NV** [NL/NL]; 3LB Smithplein, P.O. Box 4, Curacao (AN).
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[Continued on next page]

(54) Title: **HEPATIC DEVICE FOR TREATMENT, EATING DETECTION, AND GLUCOSE LEVEL DETECTION**



(57) Abstract: A method is provided for treating a subject, including applying an electrical current to a hepatic portal vein (22) of the subject, and configuring the current so as to increase glucose uptake by tissue of the subject. A method is also provided, including sensing an electrical signal generated by a portoarterial glucose sensor of a subject, analyzing the signal, and responsive to the analyzing, detecting eating by the subject.



FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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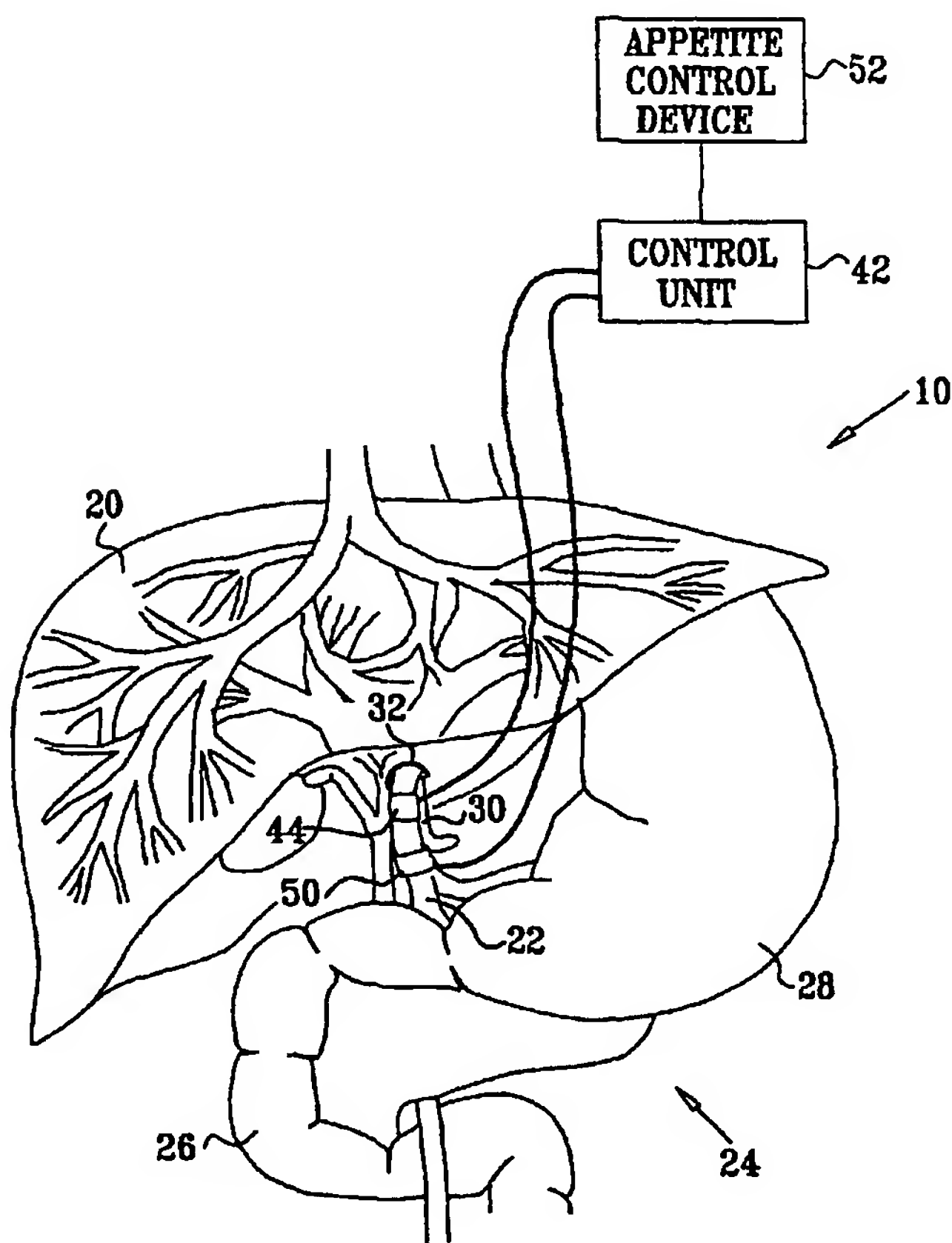
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(54) Title: HEPATIC DEVICE FOR TREATMENT OR GLUCOSE DETECTION



(57) Abstract: A method is provided for treating a subject, including applying an electrical current to electrode device (44) attached to a hepatic portal vein (22) of the subject, and configuring the current so as to increase glucose uptake by tissue of the subject. A method is also provided, including sensing an electrical signal generated by a portoarterial glucose sensor of a subject, analyzing the signal, and responsive to the analyzing, detecting eating by the subject.



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